

APPENDIX B

ASSESSMENTS BY CATEGORY

Category 1 – Attaining All Uses

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)
BILL WILLIAMS WATERSHED	
Bill Williams River From point B to Colorado River 15030204-001	17.5 m
Date Creek From Cottonwood Creek to unnamed tributary 15030203-003	34.1 m
Francis Creek From headwaters to Burro Creek 15030202-012	23.8 m
COLORADO – GRAND CANYON WATERSHED	
Clear Creek From unnamed tributary at 360912/1115825 to Colorado River 15010001-025B	8.1 m
Havasupai Creek From Havasupai Indian Reservation to Colorado River 15010004-001	3.3 m
Matkatamiba Creek From headwaters to Colorado River 15010002-935 Also in Category 4N due to natural impairment by selenium	12.5 m
Royal Arch Creek From headwaters to Colorado River 15010002-871 Also in Category 4N due to natural impairment by selenium	5.1 m
Spring Canyon Creek From headwaters to Colorado River 15010002-318	6 m
COLORADO – LOWER GILA WATERSHED	
Colorado River From Imperial Dam to Gila River 15030107-003	15.3 m
Martinez Lake 15030104-0880	600 a
LITTLE COLORADO WATERSHED	
Barbershop Canyon Creek From headwaters to East Clear Creek 15020008-537	10.2 m
Chevelon Canyon Creek From Black Canyon Creek to Little Colorado River 15020010-001	19.3 m
East Clear Creek From headwaters to Yeager Creek 15020008-009	38 m
Colter Creek From headwaters to Nutrioso Creek 15020001-293	8.6 m
East Fork Little Colorado River From headwaters to Hall Creek 15020001-230	10.6 m
Mineral Creek From headwaters to Concho Creek 15020002-648	25.8 m

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)
Nutrios Creek From headwaters to Nelson Reservoir 15020001-017A	13.3 m
Porter Creek From headwaters to Show Low Creek 15020005-246	4.4 m
Rio de Flag From Flagstaff WWTP to San Francisco Wash 15020015-004B	3.7 m
Show Low Creek From headwaters to Linden Wash 15020005-012	41.7 m
Silver Creek From headwaters to Show Low Creek 15020005-013	33.6 m
MIDDLE GILA WATERSHED	
Agua Fria River From State Route 169 to Yarber Wash 15070102-031B	17.8 m
Agua Fria River From Sycamore Creek to Big Bug Creek 15070102-023	9.1 m
Agua Fria River From Little Squaw Creek to Cottonwood Creek 15070102-017	5.8 m
Arnett Creek From headwaters to Queen Creek 15050100-1818	11.1 m
Cave Creek From headwaters to Cave Creek Dam 15060106B-026A	32.9 m
Gila River From Dripping Springs Wash to San Pedro River 15050100-009	11 m
Hassayampa River From Copper Creek to Blind Indian Creek 15070103-007B	20 m
Lake Pleasant 15070102-1100	8000 a
Sycamore Creek From Tank Canyon to Agua Fria River 15070102-024B	17.6 m
SALT WATERSHED	
Campaign Creek From headwaters to Pinto Creek 15060103-037	16.6 m
Canyon Creek From headwaters to White Mountain Apache Reservation 15060103-014	8.6 m
Cherry Creek From tributary at 340509/1105604 to Salt River 15060103-015B	40.9 m
Coon Creek From tributary at 334642/1105425 to Salt River 15060103-039B	10.1 m
Deer Creek From headwaters to Rye Creek 15060105-018	11.9 m
East Fork Black River From headwaters to Black River 15060101-009	26.7 m
Greenback Creek From headwaters to Tonto Creek 15060105-005	16.4 m

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)
Haigler Creek From headwaters to tributary at 341223/1110011 15060105-012A	15.4 m
Tonto Creek From Rye Creek to Gun Creek 15060105-008	4.7 m
SAN PEDRO WATERSHED	
Aravaipa Creek From Stowe Gulch to end of Aravaipa Wilderness Area 15050203-004B	15.5 m
Aravaipa Creek From Aravaipa Wilderness Area to San Pedro River 15050203-004C	12.6 m
Babocomari River From Banning Creek to San Pedro River 15050202-004	32.7 m
Bass Canyon Creek From tributary to 322606/1101318 to Hot Springs Canyon Creek 15050203-899B	7.9 m
Unnamed Bass Canyon Tributary From headwaters to Bass Canyon 15050203-035	1 m
Buehman Canyon Creek From headwaters to end of unique water 15050203-010A	10.5 m
Double R Canyon Creek From headwaters to Bass Canyon Creek 15050203-902	5 m
San Pedro River From Charleston to Walnut Gulch 15050202-006	8.9 m
SANTA CRUZ WATERSHED	
Cienega Creek From headwaters to Gardner Canyon 15050302-006A	37 m
Cienega Creek From Gardner Canyon to USGS gage (Pantano Wash) 15050302-006B	11.3 m
Redrock Canyon From headwaters to Harshaw Creek 15050301-576	12.7 m
Santa Cruz River From headwaters to New Mexico border 15050301-268	13.9 m
UPPER GILA WATERSHED	
Ash Creek From tributary at 234537/1095222 to Gila River 15040005-040B	14.7 m
Bonita Creek From Park Creek to Gila River 15040005-030	14.6 m
Campbell Blue River From headwaters to Blue River 15040004-028	19.7 m
Cave Creek From South Fork Cave Creek to Coronado National Forest boundary 15040006-852B	1.5 m
Eagle Creek From headwaters to tributary at 332324/1092935 15040005-028A	11.8 m
Eagle Creek From Willow Creek to Sheeps Wash 15040005-027	5.8 m

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)
Eagle Creek From Sheeps Wash to Gila River 15040005-025	41.8 m
San Francisco River From headwaters to New Mexico border 15040004-023	13.1 m
South Fork Cave Creek From headwaters to Cave Creek 15040006-849	8.1 m
KP Creek From headwaters to Blue River 15040004-029	12.1 m
VERDE WATERSHED	
Bartlett Lake 15060203-0110	2375 a
Fossil Creek From headwaters to Verde River 15060203-024	19.9 m
Gap Creek From Government Springs to Verde River 15060203-774B	5.4 m
Munds Creek From headwaters to Oak Creek 15060202-415	17 m
Oak Creek From Spring Creek to Verde River 15060202-016	12.7 m
Red Creek From headwaters to Verde River 15060203-818	13.6 m
Sycamore Creek From Cedar Creek to Verde River 15060202-026	11.7 m
Sycamore Creek From headwaters to Verde River 15060203-055	13.2 m
Verde River From Granite Creek to Hell Canyon 15060202-052	16.4 m
Verde River From Wet Bottom Mesa to Tangle Creek 15060203-018	4.1 m
Verde River From Bartlett Dam to Camp Creek 15060203-004	11.6 m
West Clear Creek From Meadow Canyon to Verde River 15060203-026B	23.5 m
West Fork Oak Creek From headwaters to Oak Creek 15060202-020	15.8 m
Wet Beaver Creek From Long Canyon to Rarick Creek 15060202-004	6.5 m

Total assessed in Category 1 -- Attaining All Uses:
72 stream reaches; 1090.1 stream miles
3 lakes; 10,975 acres

Category 2 – Attaining Some Uses

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
BILL WILLIAMS WATERSHED		
Big Sandy River From Sycamore Wash to Burro Creek 15030201-004	13.8 m	<i>E. coli</i> , SSC Also in Category 4N due to natural impairment by low dissolved oxygen
Big Sandy River From Rupley Wash to Alamo Lake 15030201-001	10.2 m	Mercury
Boulder Creek From unnamed tributary at 344114 / 1131800 to Wilder Creek 15030202-006B	14.4 m	Mercury
Boulder Creek From Copper Creek to Burro Creek 15030202-005C	5 m	Mercury and selenium
Burro Creek From Boulder Creek to Black Canyon Creek 15030202-004	17.2 m	Sediment
Kirkland Creek From Skull Valley to Santa Maria River 15030203-015	22.6 m	<i>E. coli</i>
Trout Creek From Cow Creek to Knight Creek 15030201-014	32.1 m	<i>E. coli</i> , mercury
COLORADO – GRAND CANYON WATERSHED		
Beaver Dam Wash From Utah border to Virgin River 15010010-009	9.6 m	<i>E. coli</i> , lead, SSC
Bright Angel Creek From Phantom Creek to Colorado River 15010001-019	1.9 m	SSC
Crystal Creek From unnamed tributary at 361342/1121148 to Colorado River 15010002-018B	9.1 m	Arsenic
Deer Creek From unnamed tributary to Colorado River 15010002-019B	4.9m	Lead, Selenium, SSC
Dogtown Reservoir 15010004-0580	70 a	Low dissolved oxygen, high pH, selenium
Hermit Creek From Hermit Pack Trail crossing to Colorado River 15010002-020B	3.5 m	Selenium
Kanab Creek From Jump-up Canyon to Colorado River 15010003-001	12.8 m	Lead, SSC
Monument Creek From headwaters to Colorado River 15010002-845	3.5 m	Mercury Also in Category 4N due to natural impairment by selenium
Nankoweap Creek From unnamed tributary to Colorado River 15010001-033B	7.3 m	SSC
Shinumo Creek From unnamed tributary to Colorado River 15010002-029B	8.8 m	SSC
Tapeats Creek From headwaters to Colorado River 15010002-696	12.8 m	SSC
Virgin River From Black Rock Gulch to Sullivan's Canyon 15010010-006	10.3 m	<i>E. coli</i> , lead, SSC, Selenium
Virgin River From Sullivan's Canyon to Beaver Dam Wash 15010010-004	9.7 m	<i>E. coli</i> , lead, SSC, Selenium

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
COLORADO – LOWER GILA WATERSHED		
Colorado River From Bill Williams River to Osborne Wash 15030104-020	13.4 m	Selenium
Lake Havasu 15030101-0590	19780 a	<i>E. coli</i> bacteria, mercury, selenium
Lake Mohave 15030101-0960	27045 a	Selenium
Mittry Lake 15030107-0950	385 a	
LITTLE COLORADO WATERSHED		
Ashurst Lake 15020015-0090	200 a	Low dissolved oxygen
Babbit Spring Wash From headwaters to Upper Lake Mary 15020015-210	2.3 m	mercury
Bear Canyon Lake 15020008-0130	55 a	Low pH
Billy Creek From headwaters to Show Low Creek 15020005-019	18.5 m	<i>E. coli</i> bacteria
Black Canyon Lake 15020010-0180	35 a	Low dissolved oxygen
Blue Ridge Reservoir 15020008-0200	290 a	
Carnero Lake 15020001-0260	65 a	Low dissolved oxygen, high pH
Kinnikinick Lake 15020015-0730	115 a	Lead
Lake Mary (upper) 15020015-0900	860 a	Mercury, copper, low dissolved oxygen, nickel, and zinc
Lee Valley Reservoir 15020001-0770	35 a	Nitrogen
Lyman Lake 15020001-0850	1310 a	Mercury, low dissolved oxygen
Soldier's Lake 15020008-1440	28 a	Mercury, low dissolved oxygen
West Fork Little Colorado River From headwaters to Government Springs 15020001-013A	9.1 m	Mercury
West Fork Little Colorado River From Government Springs to Little Colorado River 15020001-013B	2.2 m	Copper
Woods Canyon Lake 15020010-1700	70 a	Low dissolved oxygen
MIDDLE GILA WATERSHED		
Fain Lake 15070101-0005	1015 a	Low dissolved oxygen
Gila River From Salt River to Agua Fria River 15070101-015	3.7 m	DDT, toxaphene, chlordane
Gila River From Agua Fria River to Waterman Wash 15070101-014	11.9 m	DDT, toxaphene, chlordane
Gila River From Waterman Wash to Hassayampa River 15070101-010	13.9 m	DDT, toxaphene, chlordane
Gila River From Hassayampa River to Centennial Wash 15070101-009	7 m	DDT, toxaphene, chlordane
Gila River From Gillespie Dam to Rainbow Wash 15070101-007	5.1 m	DDT, toxaphene, chlordane

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
Gila River From Rainbow Wash to Sand Tank 15070101-0005	16.9 m	DDT, toxaphene, chlordane
Gila River From Sand Tank to Painted Rocks Reservoir 15070101-001	18.7 m	DDT, toxaphene, chlordane
Hassayampa River From Cottonwood Creek to Martinez Wash 15070103-004	32.1 m	<i>E. coli</i> bacteria
Hassayampa River From Sols Wash to 8 miles below Wickenburg 15070103-002A	9.2 m	<i>E. coli</i> bacteria
Hassayampa River From Buckeye Canal to Gila River 15070103-001B	2.3 m	DDT, toxaphene, chlordane, and selenium
Lynx Lake 15070102-0860	50 a	Lead, manganese
Martinez Canyon From headwaters to Box Canyon 15050100-080	9.5 m	Lead
Salt River From 23 rd Avenue WWTP discharge to Gila River 15060106B-001D	14.1 m	DDT, toxaphene, chlordane
Tempe Town Lake 15060106B-1588	220 a	<i>E. coli</i> bacteria
Turkey Creek From headwaters to unnamed tributary 15070102-036A	9.1 m	
SALT WATERSHED		
Bear Wallow Creek From No/So Forks of Bear Wallow to Indian Reservation 15060101-023A	5.9 m	
Beaver Creek From headwaters to Black River 15060101-008	13.1 m	Low dissolved oxygen, phosphorus
Big Lake 15060101-0160	440 a	
Black River From Beaver Creek to Reservation Creek 15060101-007	13.1 m	
Crescent Lake 15060101-0420	155 a	High pH
Fish Creek From headwaters to Black River 15060101-032	13.8 m	
Pinal Creek From Lower Pinal Creek WTP discharge to Salt River 15060103-280D	6.4 m	Cadmium, zinc
Roosevelt Lake 15060103-1240	18,350 a	
Rye Creek From headwaters to Tonto Creek 15060105-014	17.8 m	
Saguaro Lake 15060106A-1290	1025 a	
Spring Creek From headwaters to Tonto Creek 15060105-010	20.5 m	
West Fork Black River From Indian Reservation boundary to Black River 15060101-048	14.6 m	
SAN PEDRO WATERSHED		

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
Copper Creek From headwaters to Prospect Canyon 15050203-022A	6.6 m	Copper
Grant Creek From headwaters to tributary at 323809/1095635 15050201-033A	6.8 m	
Hot Springs Canyon From headwaters to San Pedro River 15050203-013	25.9 m	Copper
Ramsey Canyon Creek From headwaters to Forest Road 110 15050202-404A	4.4 m	Mercury
Rucker Canyon Creek From headwaters to Whitewater Draw 15080301-288	10.4 m	
San Pedro River From Mexico border to Charleston 15050202-008	28.3 m	<i>E. coli</i> , SSC, selenium, mercury
San Pedro River From Hot Springs Canyon Creek to Redfield Canyon 15050203-011	16 m	Copper, <i>E. coli</i>
San Pedro River From Buehman Wash to Peppersauce Wash 15050203-008	16.4 m	Chromium, copper, <i>E. coli</i> , lead, SSC
Turkey Creek From headwaters to Rock Creek 15050201-002A	13.1 m	
Ward Canyon From headwaters to Turkey Creek 15050201-433	3 m	
SANTA CRUZ WATERSHED		
Chimenea Creek From headwaters to Rincon Creek 15050301-140	8 m	
Madera Canyon Creek From headwaters to unnamed tributary at 314342/1105250 15050301-322A	2.3 m	
Parker Canyon Lake 15050301-1040	130 a	Mercury, low dissolved oxygen
Patagonia Lake 15050301-1050	230 a	Dissolved oxygen
Rose Canyon Lake 15050302-1260	7 a	Low pH
Sabino Canyon From tributary at 322328/1104700 to Tanque Verde W. 15050302-014B	14.1 m	Cyanide, lead, selenium
Santa Cruz River From Nogales Intl WWTP discharge to Josephine Canyon 15050301-009	9.1 m	
Santa Cruz River From Josephine Canyon to Tubac Bridge 15050301-008A	4.8 m	Chlorine
Santa Cruz River From Canada del Oro to HUC boundary 15050301 15050301-001	8.6 m	Chlorine
UPPER GILA WATERSHED		
Blue River From New Mexico border to KP Creek 15040004-026	21.4 m	
Blue River From KP Creek to Strayhorse Creek 15040004-025A	3.8 m	
Dankworth Ponds 15040006-0440	8 a	Selenium (Also in Category 4N due to natural impairment by low DO)

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
Roper Lake 15040006-1250	25 a	(Also in Category 4N due to natural impairment by low dissolved oxygen)
San Francisco River From New Mexico border to Blue River 15040004-004	20.9 m	
San Francisco River From Limestone Gulch to Gila River 15040004-001	12.8 m	<i>E. coli</i>
VERDE WATERSHED		
Bitter Creek From Jerome WWTP to Yavapai Apache Indian Reservation 15060202-066B	1.6 m	Selenium
East Verde River From headwaters to Ellison Creek 15060203-022A	8.1 m	Dissolved oxygen
Granite Basin Lake 15060202-0580	7 a	Ammonia, arsenic, manganese, pH (high) Also in Category 4N due to natural impairment by low dissolved oxygen
JD Dam Lake 15060202-0070	28 a	
Roundtree Canyon Creek From headwaters to Tangle Creek 15060203-853	10.7 m	Copper
Scholz Lake 15060202-1350	22 a	Low dissolved oxygen
Sterling Canyon From headwaters to Oak Creek 15060202-424	3 m	
Whitehorse Lake 15060202-1630	40 a	

Total assessed in Category 2 as Attaining Some Uses:

63 stream reaches; 700.3 stream miles

31 lakes; 71,090 acres

Category 3 – All Uses Inconclusive

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
BILL WILLIAMS WATERSHED		
Bridle Creek From headwaters to Santa Maria River 15030203-027	25.8 m	Mercury and SSC
Burro Creek From Francis Creek to Boulder Creek 15030202-008	13.8 m	Chromium, mercury
Butte Creek From headwaters to Burro Creek 15030202-163	2.8 m	Mercury
Coors Lake 15030202-5000	230 a	Mercury
Copper Basin Wash From headwaters to unnamed tributary 15030203-032A	4.6 m	Copper, lead, selenium
Knight Creek From Wheeler Wash to Big Sandy River 15030201-019	9.9 m	Mercury, SSC
Wilder Creek From headwaters to Boulder Creek 15030202-007	15.3 m	

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
COLORADO – GRAND CANYON WATERSHED		
Cataract Lake 15010004-0280	35 a	Ammonia, Manganese
Kaibab Lake 15010004-0710	60 a	
Lake Powell 14070006-1130	9770 a	
Santa Fe Reservoir 15010004-1340	12 a	Copper
COLORADO – LOWER GILA WATERSHED		
Hunter's Hole 15030108-0660	15 a	Selenium
LITTLE COLORADO WATERSHED		
Brown Creek From headwaters to Silver Creek 15020005-016	14.5 m	
Bunch Reservoir 15020001-0230	65 a	Low dissolved oxygen
Cholla Lake 15020008-0320	130 a	
Fish Creek From headwaters to Little Colorado River 15020001-211	9 m	Mercury
Fools Hollow Lake 15020005-0530	150 a	Low dissolved oxygen, selenium
Hall Creek From headwaters to Little Colorado River 15020001-012	14.3 m	
Lake Mary (lower) 15020015-0890	765 a	DO, pH, and mercury
Lee Valley Creek From headwaters to Lee Valley Reservoir 15020001-232A	1.6 m	
Long Lake (lower) 15020008-0820	320 a	Mercury, pH
Nelson Reservoir 15020001-1000	65 a	Low dissolved oxygen
Newman Canyon From headwaters to Upper Lake Mary 15020015-206	9.1 m	Mercury
Railroad Canyon From headwaters to Upper Lake Mary 15020015-204	5.4 m	
River Reservoir 15020001-1220	140 a	
Silver Creek From Sevenmile Draw to Little Colorado River 15020005-001	9.3 m	
Soldier's Annex Lake 15020008-1430	120 a	Mercury
Tunnel Reservoir 15020001-1550	40 a	Low dissolved oxygen, Nitrogen
Willow Springs Lake 15020010-1670	160 a	Low dissolved oxygen, selenium
MIDDLE GILA WATERSHED		
Blue John Wash From headwaters to unnamed tributary of Lynx Creek 15070102-471	1 m	Zinc
Encanto Park 15060106B-0510	8 a	
Hassayampa Lake 15070103-3160	2 a	Copper, Lead

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
Indian Bend Wash From headwaters to Salt River 15060106B-179	4.8 m	Lead
Kearny Lake 15050100-6666	8 a	
Little Ash Creek From headwaters to Ash Creek 15070102-039	17.7 m	
Unnamed tributary to Lynx Creek From headwaters to Lynx Creek 15070102-124	1 m	Cadmium, copper, zinc
Minnehaha Creek From headwaters to Hassayampa Creek 15070103-029	12.7 m	
Painted Rocks Reservoir 15070101-1020A	100 a	DDT, toxaphene, chlordane
Papago Park Ponds 15060106B-1030	24 a	
Potts Canyon From headwaters to Queen Creek 15050100-1856	10.6 m	Arsenic, copper, lead, mercury, SSC
Queen Creek From Potts Canyon to Whitlow Canyon 15050100-014C	8 m	Arsenic, copper, mercury, and SSC
Salt River From 2 kilometers below Granite Reef Dam to Interstate 10 bridge 15060106B-001B	19 m	
Salt River From Interstate 10 bridge to 23rd Ave WWTP discharge 15060106B-001C	7.9 m	Chromium, lead
Skunk Creek From headwaters to Agua Fria River 15070102-003	30.4 m	Lead
SALT WATERSHED		
Cottonwood Gulch From headwaters to Pinto Creek 15060103-891	1.9 m	
Ellis Ranch Tributary From headwaters to Pinto Creek 15060103-880	1 m	Low pH Also in Category 4N due to natural impairment by copper
Gold Gulch From headwaters to Pinto Creek 15060103-894	3.3 m	
Hannagan Creek From headwaters to Beaver Creek 15060101-034	7.2 m	
Hay Creek From headwaters to West Fork Black River 15060101-353	4.5 m	
Home Creek From headwaters to West Fork Black River 15060101-339	9.1 m	
Horton Creek From headwaters to Beaver Creek 15060101-036	4.6 m	
JK Mountain Tributary From headwaters to West Fork Pinto Creek 15060103-873	1.1 m	Also in Category 4N due to natural impairment by copper
Mead Canyon From headwaters to Pinto Creek 15060103-889	2.4 m	Also in Category 4N due to natural impairment by copper

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
North Fork Bear Wallow Creek From headwaters to Bear Wallow Creek 15060101-022	5.2 m	
Powers Gulch From headwaters to Haunted Canyon 15060103-884	3.8 m	Copper
Snake River From headwaters to Black River 15060101-045	6.2 m	
South Fork Bear Wallow Creek From headwaters to Bear Wallow Creek 15060101-258	3.8 m	
Stinky Creek From headwaters to Fort Apache Reservation 15060101-352	2.1 m	
Thomas Creek From headwaters to Beaver Creek 15060101-285	4.1 m	
West Fork Pinto Creek From headwaters to Pinto Creek 15060103-066	11.6 m	Copper
Willow Creek From headwaters to Beaver Creek 15060101-049	7 m	
SAN PEDRO WATERSHED		
Dubacher Canyon From headwaters to Mule Gulch 15080301-075	3 m	Copper, high pH
Hendricks Gulch From headwaters to Mule Gulch 15080301-335	0.5 m	
Leslie Creek From headwaters to Whitewater Draw 15080301-007	24.5 m	Low dissolved oxygen
Miller Canyon From headwaters to Broken Arrow Ranch 15050202-409A	4.3 m	
Morales Canyon From headwaters to Mule Gulch 15080301-331	2 m	Copper
Mule Gulch From Highway 80 Bridge to Whitewater Draw 15080301-090D	4.5 m	Copper and low pH
Mural Hill Canyon From headwaters to Mule Gulch 15080301-344	2.2 m	Copper and lead
Redfield Canyon Creek From tributary at 323339/1101841 to San Pedro River 15050203-014B	32.5 m	
Riggs Flat Lake 15050201-1210	9 a	
San Pedro River From HUC 15050203 to Hot Springs Canyon Creek 15050203-012	17.1 m	
San Pedro River From Peppersauce Wash to Aravaipa Creek 15050203-003	21.3 m	Copper and lead
Snow Flat Lake 15050201-1420	0.5 a	
Spring Creek From headwaters to Mule Gulch 15080301-333	1 m	

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
Twin Pond 15080302-0001	1 a	
Whitewater Draw From Gadwell Canyon to tributary with reach #15080301-003 15080301-004	22.2 m	
Whitewater Draw From tributary at 312036/1093446 to Mexico border 15080301-002B	0.4 m	
Winwood Canyon From headwaters to Mule Gulch 15080301-340	1 m	Copper
SANTA CRUZ WATERSHED		
Arivaca Cienega 15050304-0001	3 a	
Big Casa Blanca Canyon From headwaters to Sonoita Creek 15050301-606	3 m	
Carpenter Tank 15050304-0002	3 a	
Kennedy Lake 15050301-0720	10 a	
Loma Verde From headwaters to Tanque Verde Wash 15050302-268	4 m	Dissolved oxygen
Madrona Creek From headwaters to Rincon Creek 15050302-138	7 m	
Parker Canyon Creek From Parker Canyon Dam to tributary at 312417/1102844 15050301-234A	3 m	
Potrero Creek From Interstate 19 to Santa Cruz River 15050301-500B	4.9 m	<i>E. coli</i>
Rincon Creek From headwaters to Pantano Wash 15050302-008	16.2 m	
Santa Cruz River From Tubac Bridge to Sopori Wash 15050301-008B	8.9 m	<i>E. coli</i>
Sycamore Canyon From headwaters to Mexico Border 15080200-002	9.9 m	
UPPER GILA WATERSHED		
Cluff Ranch Pond #3 15040005-0370	15 a	
Coleman Creek From headwaters to Campbell Blue Creek 15040004-040	7.3 m	
Dix Creek From headwaters to San Francisco River 15040004-1575	2.3 m	
East Turkey Creek From headwaters to terminus (near San Simon Wash) 15040006-827A	7.8 m	
Frye Canyon Creek From headwaters to Frye Mesa Reservoir 15040005-988A	5 m	
North Fork Cave Creek From headwaters to Cave Creek 15040006-856	5.6 m	
Turkey Creek From headwaters to Campbell Blue Creek 15040004-060	4.6 m	

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	PLANNING LIST POLLUTANTS OF CONCERN
VERDE WATERSHED		
Beaver Creek From Dry Beaver Creek to Verde River 15060202-002	9.3 m	Also in Category 4N due to natural impairment by low dissolved oxygen
Colony Wash From headwaters to Verde River 15060203-998	4.9 m	
Dry Creek From headwaters to Oak Creek 15060202-021	22.7 m	
Granite Creek From headwaters to Willow Creek 15060202-059A	13.4 m	Dissolved oxygen, E. coli bacteria, mercury
Horseshoe Reservoir 15060203-0620	1980 a	Dissolved oxygen
Perkins Lake 15060202-1080	4 a	Low dissolved oxygen
Verde River From Horseshoe Dam to Alder Creek 15060203-008	10.7 m	
Walnut Creek From Apache Creek to Big Chino Wash 15060201-017	20.1 m	
Watson Lake 15060202-1590	150 a	Nitrogen, low dissolved oxygen, high pH
Wet Beaver Creek From Rarick Creek to Dry Beaver Creek 15060202-003	6.6 m	

Total assessed as Category 3 -- Inconclusive:

83 stream reaches; 721.5 miles

31 lakes; 14395 acres

(Note: This is a very incomplete list, as all surface waters that were not assessed are also by default in this "inconclusive" category)

Category 4 – Not Attaining (Impaired)

These assessment units are not attaining one or more designated use and are considered impaired for permitting and other regulatory actions. TMDL development is not needed at this time.

4A = TMDL completed and being implemented

4B = Alternative pollutant control requirements

4C = Impairment not caused by a pollutant

4N = Impairment solely due to natural conditions (separate list)

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUB- CATEGORY	PLANNING LIST -- EXCEEDANCES
BILL WILLIAMS WATERSHED				
Boulder Creek From Wilder Creek to Butte Creek 15030202-005A	1.4 m	Arsenic, copper, and zinc	4A	
		Beryllium, manganese, and low pH	4B	
Boulder Creek From Butte Creek to Copper Creek 15030202-005B	1.6 m	Arsenic	4A	
COLORADO – GRAND CANYON WATERSHED				
COLORADO – LOWER GILA WATERSHED				
LITTLE COLORADO WATERSHED				

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUB- CATEGORY	PLANNING LIST -- EXCEEDANCES
Little Colorado River From West Fork Little Colorado River to Water Canyon Creek 15020001-011	19.8 m	Sediment/turbidity	4A	
Little Colorado River From Water Canyon Creek to Nutrioso Creek 15020001-010	3.8 m	Sediment/turbidity	4A	
Little Colorado River From Nutrioso Creek to Carnero Creek 15020001-009	12.1 m	Sediment/turbidity	4A	
Little Colorado River From unnamed reach to Lyman Lake 15020001-005	3.4 m	Sediment/turbidity	4A	
Nutrioso Creek From Nelson Reservoir to Picnic Creek 15020001-017B	13.5 m	Sediment/turbidity	4A	
Nutrioso Creek From Picnic Creek to Little Colorado River 15020001-015	3.5 m	Sediment/turbidity	4A	
Rainbow Lake 15020005-1170	110 a	Narrative nutrients, low dissolved oxygen, and high pH	4A	
MIDDLE GILA WATERSHED				
Cash Mine Creek From headwaters to Hassayampa River 15070103-349	1 m	Cadmium, copper, zinc	4A	Lead
Unnamed tributary to Cash Mine Creek From headwaters to Cash Mine Creek 15070103-415	1 m	Cadmium, copper, zinc	4A	Beryllium, lead, selenium
French Gulch From headwaters to Hassayampa River 15070103-239	9.8 m	Cadmium, copper, zinc	4A	
Hassayampa River From headwaters to Copper Creek 15070103-007A Also in Category 5 due to low pH	11 m	Cadmium, copper, zinc	4A	Lead, selenium
SALT WATERSHED				
Christopher Creek From headwaters to Tonto Creek 15060105-353 Also in Category 5 due to phosphorus	8 m	<i>E. coli</i>	4A	
Tonto Creek From headwaters to tributary at 341810/1110414 15060105-013A Also in Category 5 due to phosphorus	8.1 m	Nitrogen, and <i>E. coli</i>	4A	
Tonto Creek From tributary at 341810/1110414 to Haigler Cr. 15060105-013B	8.5 m	Phosphorus, nitrogen, and <i>E. coli</i>	4A	
SAN PEDRO WATERSHED				
SANTA CRUZ WATERSHED				
Alum Gulch From headwaters to 312820/1104351 (beginning of intermittent flow) 15050301-561A	0.8 m	Cadmium, copper, zinc, and pH	4A	
Alum Gulch From 312820/1104351 to 312917/1104425 (intermittent flow) 15050301-561B	1.1 m	Cadmium, copper, zinc, and pH	4A	
Arivaca Lake 15050304-0080	118 a	Mercury in fish tissue	4A	
Cox Gulch From headwaters to Three R Canyon 15050301-560	16.3 m	Cadmium, copper, zinc, and pH	4A	Beryllium

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres	CAUSES OF IMPAIRMENT	SUB- CATEGORY	PLANNING LIST -- EXCEEDANCES
Unnamed trib to Cox Gulch From headwaters to Cox Gulch 15050301-890	1 m	Cadmium, copper, zinc, and pH	4A	
Harshaw Creek From headwaters to Sonoita Creek 15050301-025	14.4 m	Copper and pH	4A	
Unnamed tributary to Harshaw Creek (Endless Chain Mine tributary) 15050301-888	2 m	Copper and pH	4A	
Humboldt Canyon From headwaters to Alum Gulch 15050301-340	2 m	Cadmium, copper, zinc, and pH	4A	
Lakeside Lake 15050302-0760	15 a	Ammonia, low dissolved oxygen, high pH	4A	
Pena Blanca Lake 15050301-1070	50 a	Mercury in fish tissue	4A	Dissolved oxygen and high pH
Three R Canyon From headwaters to 312835/1104619 (where intermittent flow begins) 15050301-558A	2.3 m	Cadmium, copper, zinc, and pH	4A	
Three R Canyon From 312835/1104619 to 312827/1104712 15050301-558B	1 m	Cadmium, copper, zinc, and pH	4A	
Three R Canyon From 312827/1104712 to Sonoita Creek 15050301-558C	3 m	Cadmium, copper, zinc, and pH	4A	
Unnamed tributary to Three R Canyon From headwaters to Three R Canyon 15050301-889	2 m	Cadmium, copper, zinc, and pH	4A	
UPPER GILA WATERSHED				
Luna Lake 15040004-0840	120 a	Narrative nutrients, low dissolved oxygen, high pH	4A	Lead
VERDE WATERSHED				
Pecks Lake 15060202-1060	95 a	Narrative nutrients, low dissolved oxygen, high pH	4A	
Stoneman Lake 15060202-1490	125 a	Narrative nutrients, low dissolved oxygen, high pH	4A	
Verde River From tributary #15060202-065 to Railroad Draw 15060202-037	10.7 m	Sediment/turbidity	4A	
Verde River From Sycamore Creek to Oak Creek 15060202-025	25.2 m	Sediment/turbidity	4A	
Verde River From Oak Creek to Beaver Creek 15060202-015	12.2 m	Sediment/turbidity	4A	
Verde River From HUC boundary 15060203 to West Clear Cr 15060203-027	6.4 m	Sediment/turbidity	4A	
Verde River From West Clear Creek to Fossil Creek 15060203-025	23.6 m	Sediment/turbidity	4A	

Total assessed as Category 4A, 4B, or 4C -- Impaired and TMDL development is not necessary at this time:

28 stream reaches; 201.8 stream miles

7 lakes; 633 acres

Subcategory 4N = Impairment *Solely* Due to Natural Conditions

These waters are impaired solely due to natural conditions (no anthropogenic influences) and are to be protected as Tier 1 surface waters under Antidegradation Rules. Human activities or discharges will not be allowed to provide further loadings of the parameter of concern. (See Antidegradation R18-11-107). The assessment statistics do not include these waters, as this category is not used by EPA or other states. All of these waters are also listed in other categories.

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	SUBCATEGORY
BILL WILLIAMS WATERSHED			
Big Sandy River From Sycamore Wash to Burro Creek 15030201-004	13.8 m	Low dissolved oxygen due to ground water upwelling.	Arizona – 4D
Santa Maria River From Bridle Creek to Date Creek 15030203-009	24.5 m	Low dissolved oxygen due to ground water upwelling.	Arizona – 4D
COLORADO – GRAND CANYON WATERSHED			
Chuar (Lava) Creek From headwaters to Colorado River 15010001-024	8.0 m	Turbidity from sandstone geology	Arizona – 4D
Matkatamiba Creek From headwaters to Colorado River 15010002-935	12.5 m	Selenium from spring sources	Arizona – 4D
Monument Creek From headwaters to Colorado River 15010002-845	3.5 m	Selenium from spring sources	Arizona – 4D
Paria River From Utah border to Colorado River 14070007-123	29.4 m	Turbidity from sandstone geology	Arizona – 4D
Royal Arch Creek From headwaters to Colorado River 15010002-871	5.1 m	Selenium from spring sources	Arizona – 4D
LOWER COLORADO – GILA WATERSHED			
LITTLE COLORADO WATERSHED			
MIDDLE GILA WATERSHED			
SALT WATERSHED			
Ellis Ranch Tributary From headwaters to Pinto Creek 15060103-888	1 m	Copper	Arizona – 4D
JK Mountain Tributary From headwaters to West Fork Pinto Creek 15060103-873	1.1 m	Copper	Arizona – 4D
Mead Canyon From headwaters to Pinto Creek 15060103-889	2.4 m	Copper	Arizona – 4D
SAN PEDRO WATERSHED			
SANTA CRUZ WATERSHED			
UPPER GILA WATERSHED			
Dankworth Ponds 15040005-0440	8 a	Low dissolved oxygen due to ground water upwelling.	Arizona – 4D
Roper Lake 15040005-1250	25 a	Low dissolved oxygen due to ground water upwelling.	Arizona – 4D
VERDE WATERSHED			
Beaver Creek From Dry Beaver Creek to Verde River 15060202-002	9 m	Low dissolved oxygen due to ground water upwelling.	Arizona – 4D
Granite Basin Lake 15060202-0580	7 a	Low dissolved oxygen due to ground water upwelling and lake turnover.	Arizona – 4D

Total assessed as Impaired Solely due to Natural Conditions (TMDL development is not necessary):
11 stream reaches; 110.3 stream miles

2 lakes; 33 acres

Category 5 (ADEQ) – Assessed Impaired by ADEQ

These assessment units are to be on Arizona's 2006 303(d) List, once approved by EPA. TMDL development is scheduled (see Appendix C).

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	ONGOING TMDL	PLANNING LIST -- EXCEEDANCES
BILL WILLIAMS WATERSHED				
Alamo Lake 15030204-0040A	14,150 a	Low dissolved oxygen, high pH, ammonia		
Bill Williams River From Alamo Lake to Castaneda Wash 15030204-003	35.9 m	Ammonia, low dissolved oxygen, high pH		Lead, suspended sediments
Santa Maria River From Little Sycamore Creek to Little Shipp Wash 15030203-013	6.8 m	Mercury		Suspended sediments
Santa Maria River From Bridle Creek to Date Creek 15030203-009	24.5 m	Mercury (Also in Category 4N due to natural impairment by low DO)		Suspended sediments
COLORADO – GRAND CANYON WATERSHED				
Colorado River From Lake Powell to Paria River 14070006-001	16.3 m	Selenium		
Colorado River From Parashant Canyon to Diamond Creek 15010002-003	27.6 m	Selenium, suspended sediment		
Paria River From Utah border to Colorado River 14070007-123	29.4 m	SSC, <i>E. coli</i>		Lead, selenium
Virgin River From Beaver Dam Wash to Big Bend Wash 15010010-003	10.1 m	Selenium, suspended sediment		Boron, <i>E. coli</i>
LOWER COLORADO - GILA WATERSHED				
Colorado River From Hoover Dam to Lake Mohave 15030101-015	40.4 m	Selenium		Low dissolved oxygen
Colorado River From Main Canal to Mexico border 15030107-001	32.2 m	Low dissolved oxygen, selenium		Mercury
Gila River From Coyote Wash to Fortuna Wash 15070201-003	28.3 m	Selenium, boron		<i>E. coli</i> bacteria, low dissolved oxygen
Painted Rock Borrow Pit Lake 15070201-1010	185 a	Low dissolved oxygen		Pesticides
LITTLE COLORADO WATERSHED				
Little Colorado River From Silver Creek to Carr Wash 15020002-004	6.1 m	Suspended sediment and <i>E. coli</i> bacteria		Beryllium, barium, lead, and nickel
Little Colorado River From Porter Tank Draw to McDonalds Wash 15020008-017	17.4 m	Copper, silver, sediment		
MIDDLE GILA WATERSHED				
Alvord Lake 15060106B-0050	27 a	Ammonia		
Chaparral Park Lake 15060106B-0300	12 a	Low dissolved oxygen, <i>E. coli</i>		
Cortez Park Lake 15060106B-0410	2 a	Low dissolved oxygen, high pH		
Gila River From San Pedro River to Mineral Creek 15050100-008	19.8 m	Suspended sediment		

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	ONGOING TMDL	PLANNING LIST -- EXCEEDANCES
Gila River From Centennial Wash to Gillespie Dam 15070101-008	5.3 m	Selenium and boron		DDT, toxaphene, chlordane
Hassayampa Creek From headwaters to Copper Creek 15070103-007A	11.0 m	Low pH		Selenium and lead
Mineral Creek From Devil's Canyon to Gila River 15050100-012B	19.6 m	Copper, selenium, and low dissolved oxygen		
Queen Creek From headwaters to mining WWTP discharge 15050100-014A	8.8 m	Copper	Copper	
Queen Creek From mining WWTP discharge to Potts Canyon 15050100-014B	5.9 m	Copper	Copper	
Turkey Creek From unnamed tributary to Poland Creek 15070102-036B	21 m	Copper and lead	Copper and lead	Mercury and suspended sediments
SALT WATERSHED				
Apache Lake 15060106A-0070	2190 a	Low dissolved oxygen		
Canyon Lake 15060106A-0250	450 a	Low dissolved oxygen		
Christopher Creek From headwaters to Tonto Creek 15060105-353	8.0 m	Phosphorus		
Five Point Tributary From headwaters to Pinto Creek 15060103-885	2.9 m	Copper	Copper	
Gibson Mine Tributary From headwaters to Pinto Creek 15060103-887	1 m	Copper	Copper	
Haunted Canyon From headwaters to Pinto Creek 15060103-879	6.8 m	Copper	Copper	
Pinto Creek From headwaters to tributary at 331927/1105456 15060103-018A	2.5 m	Copper	Copper	
Pinto Creek From tributary at 331927/1105456 to W. Fork Pinto Cr. 15060103-018B	15.3 m	Copper and selenium	Copper	Zinc
Pinto Creek From West Fork Pinto Creek to Roosevelt Lake 15060103-018C	17.8 m	Copper and selenium	Copper	
Salt River From Pinal Creek to Roosevelt Lake 15060106A-004	7.5 m	Suspended sediment		Cyanide, dissolved oxygen, <i>E. coli</i> , lead, selenium
Salt River From Stewart Mountain Dam to Verde River 15060106A-003	10.1 m	Low dissolved oxygen		<i>E. coli</i>
Tonto Creek From headwaters to unnamed tributary 15060105-013A	8.1 m	Phosphorus		
SAN PEDRO WATERSHED				
Brewery Gulch From headwaters to Mule Gulch 15080301-337	1 m	Copper	Copper	Lead and low pH
Mule Gulch From headwaters to above Lavender Pit 15080301-090A	3 m	Copper	Copper	Cadmium
Mule Gulch From above Lavender Pit to Bisbee WWTP discharge 15080301-090B	0.8 m	Copper	Copper	Lead

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	ONGOING TMDL	PLANNING LIST -- EXCEEDANCES
Mule Gulch From Bisbee WWTP discharge to Highway 80 bridge 15080301-090C	3.8 m	Copper, low pH, zinc	Copper, low pH, zinc	Lead
San Pedro River From Babocomari Creek to Dragoon Wash 15050202-003	17 m	<i>E. coli</i>	<i>E. coli</i>	
San Pedro River From Dragoon Wash to Tres Alamos Wash 15050202-002	15.5 m	Nitrate		<i>E. coli</i> , lead, mercury, SSC
San Pedro River From Aravaipa Creek to Gila River 15050203-001	14.8 m	Selenium and <i>E. coli</i>	<i>E. coli</i> and selenium	
SANTA CRUZ WATERSHED				
Nogales Wash From Mexico border to Potrero Creek 15050301-011	6.2 m	Copper, ammonia, <i>E. coli</i> , and chlorine		Dissolved oxygen
Santa Cruz River From New Mexico border to Nogales WWTP 15050301-010	17 m	<i>E. coli</i>		
Sonoita Creek From 750 feet below Patagonia WWTP discharge to Santa Cruz River 15050301-013C	18.6 m	Zinc		
UPPER GILA WATERSHED				
Blue River From Strayhorse Creek to San Francisco River 15040004-025B	25.4 m	<i>E. coli</i>		Suspended sediments
Cave Creek From headwaters to South Fork Cave Creek 15040006-852A	7.5 m	Selenium		
Gila River From New Mexico border to Bitter Creek 15040002-004	16.3 m	Suspended sediment, <i>E. coli</i>		Copper
Gila River From Skully Creek to San Francisco River 15040002-001	15.2 m	Selenium		Copper, suspended sediments
Gila River From Bonita Creek to Yuma Wash 15040005-022	5.8 m	<i>E. coli</i>		Suspended sediment
San Francisco River From Blue River to Limestone Gulch 15040004-003	18.7 m	<i>E. coli</i>		Mercury
VERDE WATERSHED				
East Verde River From Ellison Creek to American Gulch 15060203-022B	20.3 m	Selenium		
East Verde River From American Gulch to Verde River 15060203-022C	25.8 m	Arsenic and boron		<i>E. coli</i>
Oak Creek From headwaters to West Fork Oak Creek 15060202-019	7.4 m	<i>E. coli</i>	<i>E. coli</i>	
Oak Creek From West Fork Oak Creek to tributary at 345709/1114513 15060202-018A	5 m	<i>E. coli</i>	<i>E. coli</i>	
Oak Creek From tributary at 345709/1114513 to downstream boundary of Slide Rock State Park 15060202-018B	1 m	<i>E. coli</i>	<i>E. coli</i>	
Oak Creek From Slide Rock State Park to Dry Creek 15060202-018C	20.0 m	<i>E. coli</i>	<i>E. coli</i>	

SURFACE WATER DESCRIPTION REACH NUMBER	SIZE (miles / acres)	CAUSES OF IMPAIRMENT	ONGOING TMDL	PLANNING LIST -- EXCEEDANCES
Oak Creek From Dry Creek to Spring Creek 15060202-017	10 m	<i>E. coli</i>	<i>E. coli</i>	
Spring Creek From Coffee Creek to Oak Creek 15060202-022	6.4 m		<i>E. coli</i>	

Total assessed as Impaired and belonging in Category 5 (require TMDL development):
52 stream reaches; 722.1 stream miles
7 lakes; 4280 acres